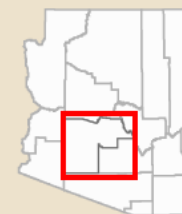


Overview of the Draft MAG FY2018-2022 Transportation Improvement Program

May 9, 2017
Street Committee
Teri Kennedy, TIP Manager

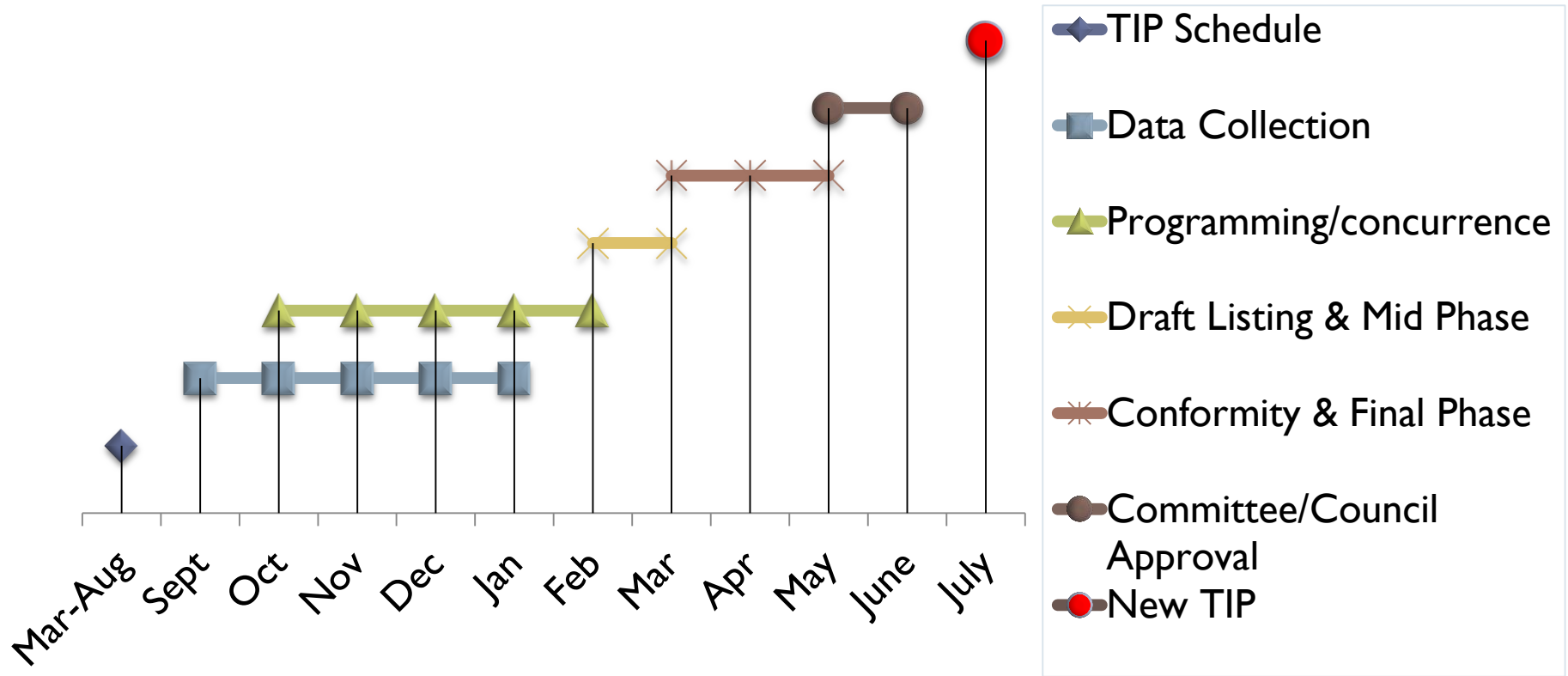


-  Metropolitan Planning Area Boundary
-  Pinal County Portion
-  Indian Communities
-  Existing Freeway
-  Planned Freeway/Highway
-  Highways
-  Other Roads



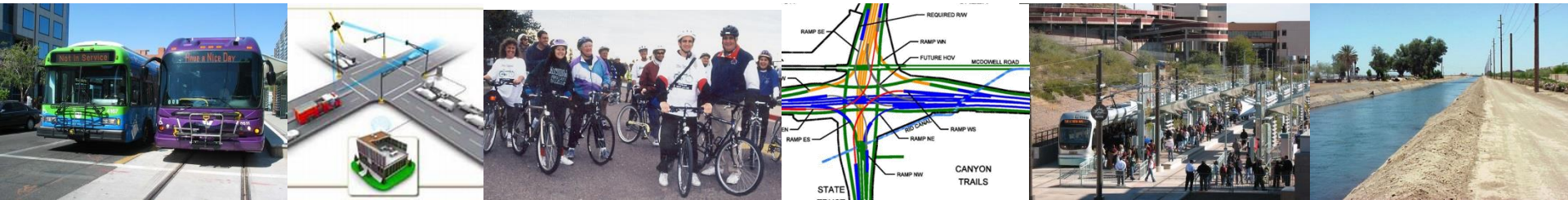
I:\Projects\RTP\MXD\2010_Plan_Update\01-1_MAG_Region.mxd

TIP Development and Approval Timeline



INCLUDED IN THE
DRAFT FY2018-2022 TIP:

- ▶ Elements for the Metropolitan TIP as contained in 23 CFR Part 450.326.
- ▶ **Covers five years,**
- ▶ conforms to all applicable Federal & State air quality plans & standards,
- ▶ reports on all projects programmed with Federal funds identified in US Code Title 23 and Title 49 -Chapter 53, and
- ▶ **All regionally significant projects are included.**



Builds from the:

- ▶ Information contained in the currently approved 2035 Regional Transportation Plan (RTP), the current FY2017-21 TIP, and proposed Draft 2040 RTP that includes:
 - ▶ regional plans, programs and policies,
 - ▶ public involvement and comments,
 - ▶ State and Federal Guidance,
 - ▶ and member agency information updates and data collection.



INCLUDED LISTINGS IN THE TIP

TIP contains all regionally significant projects:

Interstate System

Congressionally designated

All transportation projects funded with Federal funds
(unless noted in Unified Planning Work Program (UPWP)
or as a lump sum listing).

**All regionally significant projects to be funded with
non-Federal funds**

Regional Area Road Funds

Public Transit Funds

Highway User Revenue Funds

Other State, County, Private, and Local Funds



Quantity of Projects:

FY 2018-2022 TIP as of 4-26-2017*

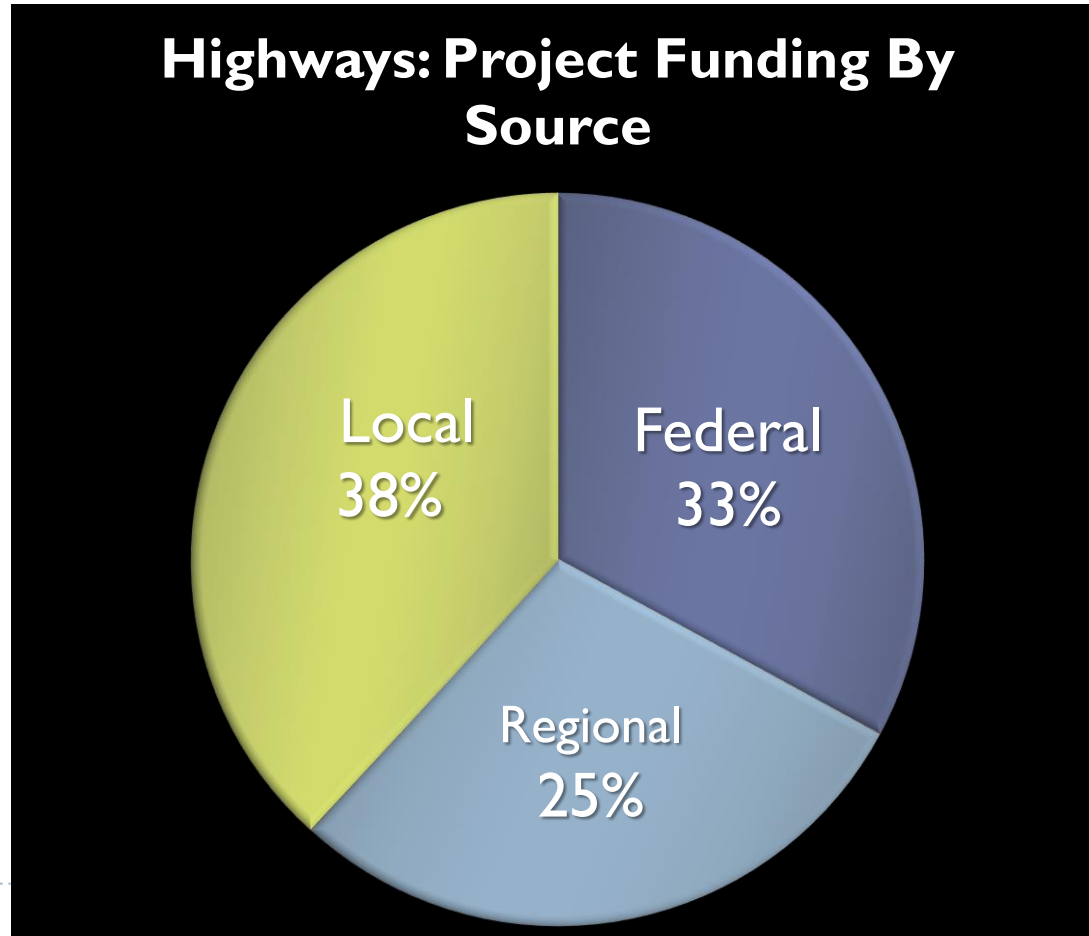
Air Quality/Pave	28
Bike/Ped	56
Freeway and Interchanges*	42
ITS	24
Maintenance/ Other/Bridge	8
Safety	33
Street/Intersect.	227

Bus	18
Rail	9

*Many modes have multiple work phases per project. Currently there are over 840 work phase listings from all sources. Additional Programming for several modes funding construction for FY 2021 and 2022 will commence in August. The Regional Freeway and Highway Program rebalancing will be amended into the TIP and RTP at the conclusion of a fall conformity & approval process.

Who is Paying for the Projects: \$3.84 billion

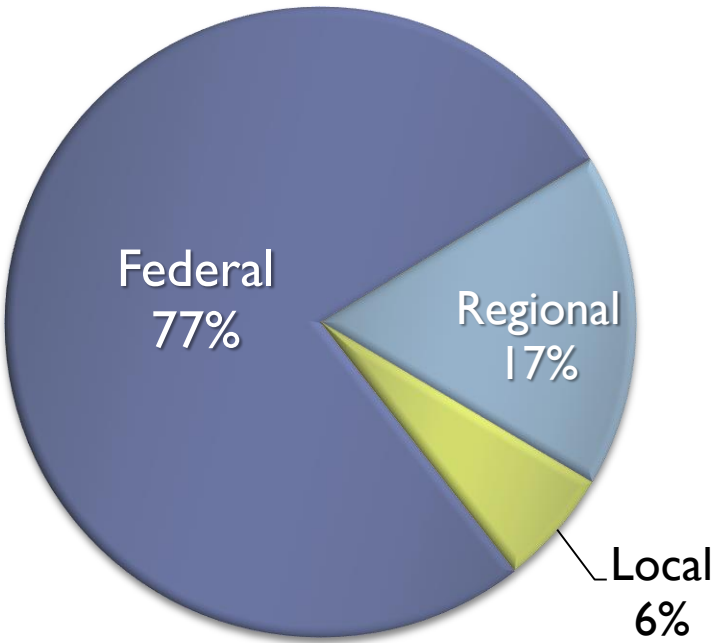
Highway Listings



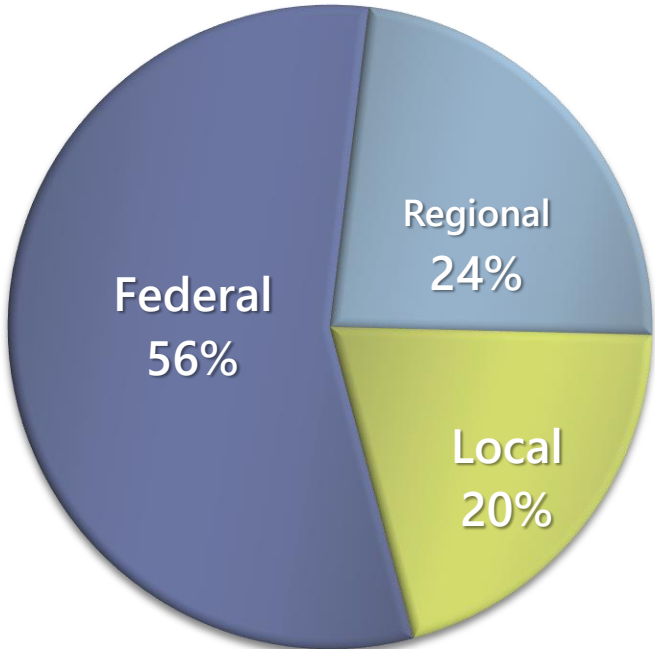
Who is Paying for the Projects: \$1.33 billion

Transit Bus and Rail Listings

**Transit Bus:
Project Funding By Source**



**Transit Rail:
Project Funding By Source**



Estimated Revenues: Federal Funding

Programming Category	Type	2018	2019	2020	2021	2022	Total
ADOT Resources	FHWA, HURF, RARF	347.3	379.8	447.6	369.8	366.5	1911.0
Transit Funding, awarded by ADOT	Federal Transit Administration	1.7	1.7	1.7	1.8	1.8	8.7
Federal Funding Sub-allocated to the Region	Federal Highway Ad. Funding	112.2	113.7	115.3	117.2	119.0	577.5
	Federal Transit Administration	69.0	72.9	74.2	75.5	76.7	368.2
Nationally Awarded Federal Funds	TIGER, FASTLANE	5.1	.0	.0	.0	.0	5.1
	New/Small Starts	8.9	68.6	110.6	134.0	118.5	440.6
Total		\$544.2	\$636.7	\$749.5	\$698.3	\$682.5	\$3311.2

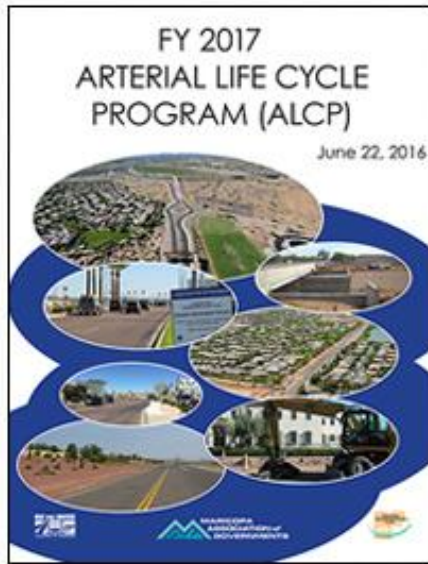


Estimated Revenues Regional Funds

Regional Half Cent Sales Tax Funds Projected Revenue by Category and Year

Type	Programming Category	2018	2019	2020	2021	2022	Total
Regional Half-Cent	RARF Freeways	245.2	259.1	273.6	288.0	302.3	1368.3
	RARF Arterials	45.8	48.4	51.1	53.8	56.5	255.6
	PTF	145.3	153.5	162.1	170.7	179.1	810.8
Total		\$436.3	\$461.1	\$486.9	\$512.5	\$537.9	\$2434.7

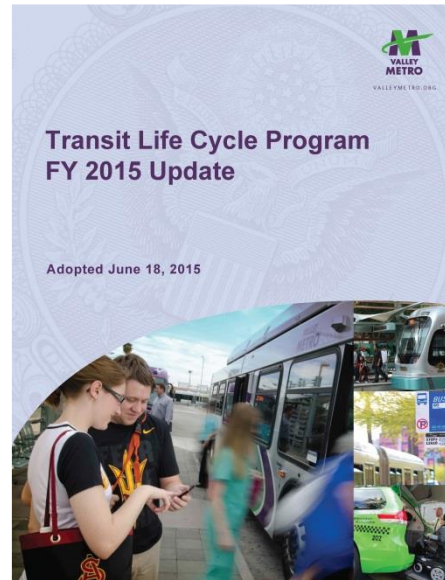




Arterial Life Cycle Program*

Programmed by MAG

- **\$815.0 million Total**

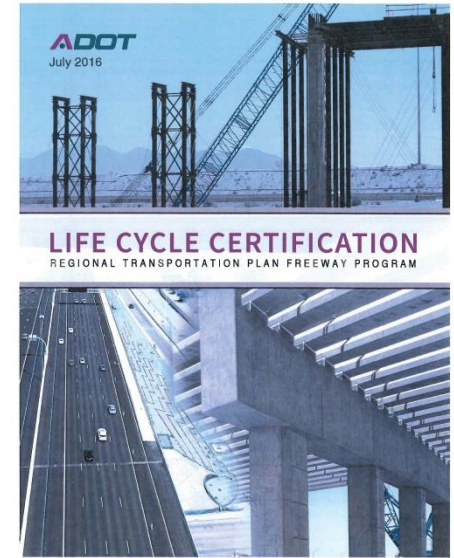


Transit Life Cycle Program*

Programmed by Valley Metro

+ Bus: \$329.8 million Total

+ Rail: \$640.9 million Total



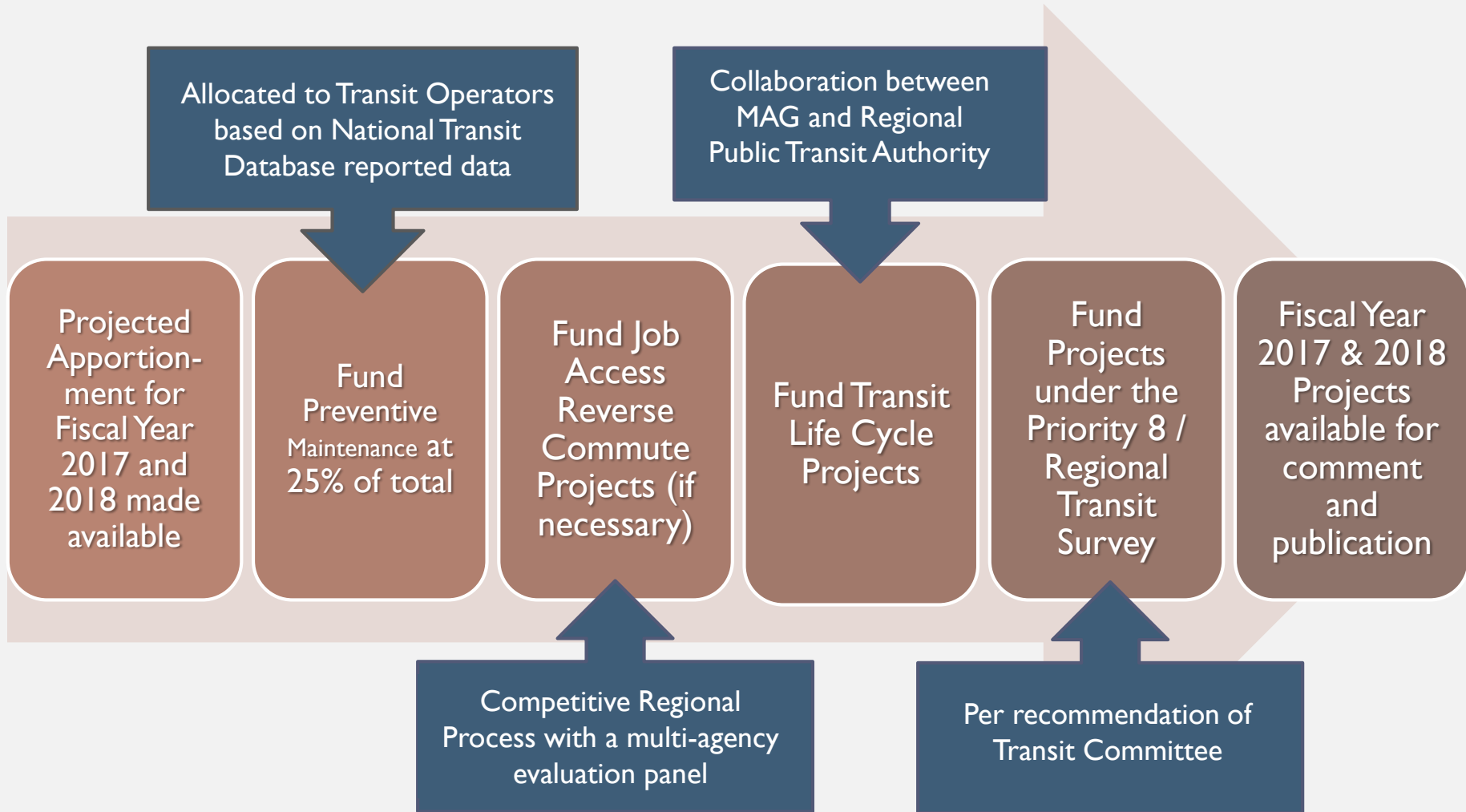
Regional Transportation Plan - Freeway Program**

Programmed by ADOT/MAG

- **\$1,502.0 million Total**

*** Does not contain rebalancing, subject to substantial change*

Includes FTA Section 5307 POP Development



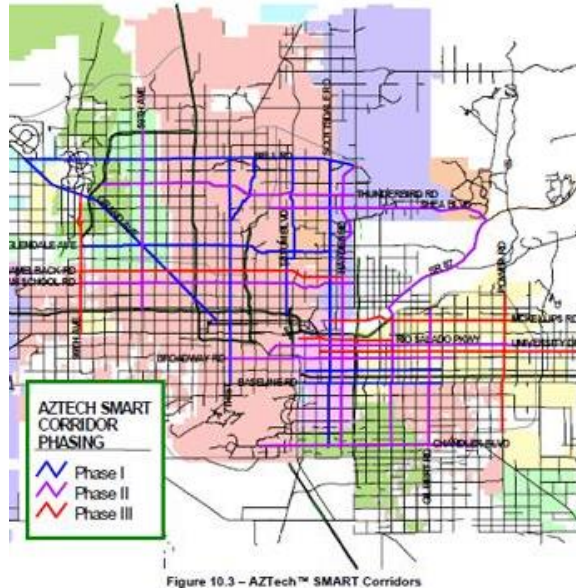
Includes FHWA Funded Projects



Bicycle and Pedestrian

\$56.5 million federal

\$103.1 Total



Intelligent Transportation Systems

\$8.8 million federal

\$14.8 million Total



Air Quality & PM-10, 2.5 Pave Unpaved Rds

\$41.5 million federal

\$47.0 million Total

Includes FHWA Funded Projects



Pinal County ST-BGP

\$ 5.8 million federal

\$ 32.1 Total

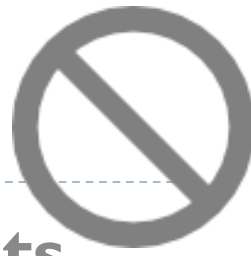


Safe Routes to School (SRTS), HSIP-MAG

\$8.4 million federal

\$ 10.0 million Total

NOT INCLUDED IN THE TIP



Local Street Projects, Private Street Projects
(that aren't regionally significant)

MAG regional program items that are planning related or like in nature which are included in the Unified Planning Work Program (UPWP). However these items may be listed in the TIP as a lump sum listing by year (but are not required to be listed).

- Metropolitan planning projects
- State planning and research projects
- Emergency relief projects
- National planning and research projects
- Project management oversight projects

Work phases for Transportation Projects

Work Phases identify critical and informational items such as:

Funding

Design & Environmental

Construction

Maintain / Operate

ROW

[illegible]

NEXT STEPS . . .

Final Phase Public Meeting on May 9, 2017 at the **MAG** offices.

- Comments by the public are included in the FY 2017 MAG Final Phase Input Opportunity Report provided to the committees and Regional Council.
- Committees/Regional Council Review and Approve FY2018-2022 TIP in May/June 2017.
- FHWA, FTA, EPA, ADOT review and approve various areas of the TIP, POP, Air Quality Conformity, and the 2040 RTP in June/July 2017.

Website information:

- ▶ Information on the Draft FY2018-2022 TIP, 2017 Program of Projects, and the 2040 RTP: <http://azmag.gov/RTP>
- ▶ MAG TIP and Programming: <http://www.azmag.gov/TIP>
- ▶ Valley Metro:
http://www.valleymetro.org/publications_reports/transit_life_cycle_program
- ▶ ADOT Planning: <http://www.azdot.gov/planning>
- ▶ FHWA: information: <http://www.fhwa.dot.gov/fastact/>
- ▶ FTA: information: <https://www.transit.dot.gov/>